

The Anchorage Amateur Radio News Bulletin

April, 1994

Anchorage Amateur Radio Club Newsletter
Publisher - Harvey Rookus, NL7DK Editor - Richard Mote, AL7MO

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APRIL PROGRAM

30th Anniversary
of the Good Friday
1964 Alaskan
Great Earthquake

"The Day The Earth
Shook"

And Not So Earth-
Shaking,
The Alaskan , err,
AARC Railroad
Rolls Again

See You There!

Alaska, er AARC Railroad Rolls Again Nominations Due At April Meeting

Election time for AARC club officers and directors is fast approaching. Nominations will be announced at the April general meeting and elections will be held during the June general meeting. Voting by mail will be allowed as provided by the club's Rules and Procedures.

Each year, the club votes to elect from the nominees a President, Vice-President, Activities Manager, Secretary, Treasurer, six One Year Board Members and one Three Year Board Member. There are three Board Members who serve staggered terms of three years each.

The Nominating Committee has a short list of nominees to present to the club at the April meeting. However, just as in

years past, we need additional nominees for the open positions. Unfortunately, with over 400 club members, it is impossible for the Nominating Committee to approach each and every one of you who are interested in serving as a club officer or as a board member.

Therefore the Nominating Committee wants to remind you that you **DO NOT HAVE TO WAIT FOR THEM TO CONTACT YOU.** *If you are interested in becoming an officer or director of the club, then you should nominate yourself!!*

Those who have already expressed an interest in serving in the coming year include Rob Wilson, AL7KK, as President or on a second term as a

(Continued on page 3)

March VHF/Technical Committee Report

The HF gateway packet station is fully operational. This station is on 7.110.0 LSB, and is interconnected to the entire Southcentral VHF/UHF packet system. The callsign of the Gateway is KL7AA-10, the Alias is HF40.

Users on VHF or UHF in Southcentral who wish to use the HF gateway, need only to connect to one of the local Nodes. EAGLE, AARC, or ANC on 145.01, ANC5, or DPD on 145.05, ARCO or DD on 445.05. Once connected to any of the above nodes a simple C(onnect) HF40

will cross connect you to the HF gateway.

A point of information, remember that HF packet on 40 meters runs at 300 baud, and so throughout can appear to be pretty slow at times. The standard Node commands used by all of the VHF and UHF nodes in Southcentral also apply to HF40, a MH will list the last stations heard, how long ago and how many packets they have transferred.

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March General Meeting Minutes

By Harvey Rookus, NL7DK

The meeting was called to order at 1910 by President Richard Mote, AL7MO. Introductions were made.

KL7HFQ, Roger Hansen, VEC Chairman, announced that new 610 Forms must be used as of March 1st, 1993.

Comments were made on the Fur Rondy races, such as broken straps on battery packs and miscellaneous. Gear needs more TLC during cold weather.

A motion was made to purchase a 486/66DX Computer for the Club's Packet-BBS system. The cost would be approximately \$2,500. Discussion followed. The motion was seconded and passed by a vast majority.

A motion was made to donate funds to the Blood Bank of Alaska for the purchase of 1. A TV/VCR combination with headset capabilities for use while donors are hooked up to a special Platelet machine for three plus/minus hours; cost \$500. 2. A small centrifuge to test the original sample of blood from a donor when they first register to donate. The old machine is very slow and tired; cost \$1,000. Money would come from the Club's Gaming Funds. Discussion followed. the

motion was seconded and passed with a good majority.

The club has received an invitation from the South Central Radio Club to join with them during Field Day this year at Elmendorf AFB. If we agreed, the club would sponsor a feed on the Saturday night of Field Day and help with other items. A motion was made that the Club join the SCRC on Field Day. It was seconded and passed with no problem.

Paul Jendryk, NL7BJ, has offered to coordinate radio communications needed for the Heart Run. Lil Marvin, NL7DL, announced ARES applications are available and that a Ham Class is starting. Any questions regarding tests for Commercial licenses call 277-6741.

Program speaker was Augie Hiebert, a Great Pioneer in Radio and Television and owner of Channel 11 in Anchorage. He told us about Amateur Radio in Fairbanks in the olden days.

Door prize drawings were made with many happy customers. The meeting adjourned at 2056.

Submitted by Harvey Rookus, NL7DK, Acting Secretary.

Calendar

APRIL

Meeting & Nominations Due on the 1st (Not a Joke)
Board Meeting 13th

MAY

Meeting 7th
Board Meeting 11th
(Time to start on the 1994 Hamfest plans)
Voting By Mail

JUNE

Meeting & Elections 3rd
Board Meeting (New & Old) 8th
Field Day 25-26th
Motley Group Picnic 25-26th at Byers Lake

JULY

Meeting 1st
Board Meeting 13th

AUGUST

Meeting 5th
Board Meeting 10th
Bush Net Picnic

SEPTEMBER

Meeting 2nd
Board Meeting 14th
Hamfest 24-25th
Banquet 25th

OCTOBER

Meeting 7th
Board Meeting 12th

NOVEMBER

Meeting 4th
Board Meeting 9th

The Anchorage Amateur Radio News Bulletin is the monthly newsletter of the Anchorage Amateur Radio Club. Letters and articles for publication should be submitted to Harvey Rookus, NL7DK, 3310 Checkmate Drive, Anchorage 99508. Telephone number (907) 333-4693 or Richard Mote, AL7MO, 3413 Wiley Post Loop, Anchorage, Alaska 99517. Articles and Notices for the paper should be typewritten or on IBM compatible formatted computer disks (5.25 or 3.5 inch). Graphic illustrations for articles are also welcome.

Notes From The March Board Meeting

By Harvey Rookus, NL7DK & Richard Mote, AL7MO

The March 9th AARC Board of Directors meeting was called to order at 7:10PM by President Richard Mote, AL7MO. Present were Vice President Joan Beller, AL7NK; Treasurer John Lawson, NL7NC; Activities Manager Simon Caraway, NL7VR; Club Trustee Bill Reiter, KL7ITI; Three Year Board Member Billy Capers, AL7BB; One Year Board Members Harvey Rookus, NL7DK; Rob Wilson, AL7KK; Paul Spatzek, WL7BF; and Lil Marvin, NL7DL.

Also present were Doug Dickinson, KL7IKX, Chairman of the VHF Technical Committee; Roger Hansen, KL7HFQ, Chairman of the VEC Committee; and Charlie Moore, NL7XE.

In the absence of the Club's Secretary, Susan Woods, NL7NN, reading of the February minutes was waived.

Doug, KL7IKX, gave a report from the VHF Technical Committee (printed elsewhere in this newsletter) and requested authorization to purchase eight deviation test boards for each of

the KL7AA packet nodes and digipeaters. The test boards would allow packet operators to check the deviation of their FM transmitters whenever they want, without having to first make arrangements with the Technical Committee. Currently, such tests can be done only on the weekends at best. The Board voted unanimously to acquire the test boards.

John, NL7NC, reported on the state of the Treasury, the most recent results from Boniface Bingo and on the status of the tax return work being done by our CPA (Treasurer's report printed elsewhere in this newsletter).

In the Fall of last year, the State Gaming Department asked the Boniface Bingo operation to explain some potential irregularities. John reports that Fred Tolliver, KL7HM and Kent Hartzberg, our operator at the Bingo parlor, have responded to the letter in full.

We discussed several suggestions for the April program, including

another program on packet radio and inviting Al Bramsted, Jr. to speak. Since the next meeting is the one that falls the closest to the 30th anniversary of the 1964 Good Friday Alaskan Earthquake, it was decided to show a copy of "The Day The Earth Shook".

Charlie Moore, NL7XE, brought the board up to date on the proposal for a station at the Anchorage Seniors Center. They have formed an "Elders Emergency Group" and have received designation of an office for use for an amateur radio station.

The Board authorized the loan of several sections of tower and the tribander beam antenna that had formerly been in use at the Boys Club. We are also providing heliax cable for the antenna runs. The Seniors Center station is now looking for HF and VHF transceivers for loan or donation.

Respectfully submitted by
Harvey Rookus, NL7DK and
Richard Mote, AL7MO;
Substitute Takers of The Minutes

(Continued from page 1)

director. Mel Saunders, AL7PB, as either Vice President or Club Secretary. John Lawson, NL7NC, for a second term as Club Treasurer. Simon Caraway, NL7VR and Paul Spatzek, WL7BF, as either a Three Year Board Member, or as One Year Board Members. Harvey Rookus, NL7DK, and Lil Marvin, NL7DL, as One Year Board Members. And our present President, Richard Mote, AL7MO, has

nominated himself to run unopposed for the position of Past President.

The club's Rules and Procedures allow voting by mail. The ballots must be received by the June 3rd general meeting. A ballot for voting by mail will be published in the May and June Newsletters with the names of those that have been nominated as of the April general meeting.

Mail in ballots must be addressed to the Club at the PO Box address; ballots sent to any other address will be tossed unopened!

At the June general meeting, the elections tabulating committee will confirm that the ballot is for a member of the club who is not in attendance that evening before entering the ballot in with the votes cast by those present at the June general meeting.

Treasurer's Report For March 9th

The balance in the AARC regular checking account as of 3/9/94 is \$2,418.05. Gaming proceeds of \$4,000 were received from Boniface Bingo, Inc. in February. The proceeds have been deposited at Smith Barney Shearson. The current value of the Life Membership account is \$19,372.29. One life membership was deposited into the account in February.

Our CPA, Nancy Adams requested additional gaming records for the 1991 fiscal year on March 4th. The records, which were with Fred Tolliver, have been obtained and were delivered to her on March 10th. Based on income received from gaming since July 1, 1993, it appears that it will be necessary to start filing quarterly estimated tax payments with the IRS. I will contract with Nancy to perform this service for the club.

The Alaska Department of Commerce has sent a letter to the AARC requesting clarification on a number of items on our 1992 Annual Gaming report. Fred and Kent Hartzberg requested AARC gaming records for 1992 from me on February 22nd. As of March 9th, Fred has informed me that Kent Hartzberg met with DOC officials, and that all outstanding items have been addressed. All four non-profit licensees at Boniface Bingo, Inc. received similar inquiries.

One of the most concerning items to the State was our maintenance of two "gaming" accounts. Quite frankly, both Fred and I have been scratching our heads as to why the club has two accounts

also. With the permission of the Club President, the two accounts at Smith Barney Shearson will be consolidated into one gaming account that will be maintained as a cash-only checking account. An existing bond in one of the accounts will have to be sold to accomplish this. This needs to be done, as it appears to be illegal to maintain any gaming proceeds in long-term paper.

The operator of Boniface Bingo, Inc. (Kent Hartzberg) stated at the February Board of Directors (Boniface Bingo) meeting that it was becoming increasingly difficult to meet the new percentage of proceeds requirement to the licensees. This was evidenced by the fact that our February proceeds check of \$4,000 only represents about one-half of what the AARC was due. Kent made a proposal to the Board to start reimbursing accounting fees directly from net proceeds. This is a departure from the strict intent of the new gaming regulations, and would be used as a test case with the State.

Mel - Oops, I mean Lance, I've got your deposit books (finally). Roger, I'm sorry, but I can't correct the VEC account without totally screwing up the 1993 tax records. The \$15.09 will have to stand!! Many thanks to Bill, AL7BB, for getting the treasurer's printer fixed! Finally, the Club Treasurer received a spiffy new checkbook this month!

Not-So-Respectfully Submitted,
John Lawson, NL7NC,
AARC Treasurer

Swap N Shop

Motorola mobile model Mitrek. Set up on 146.070. With manual. \$80 OBO. Heath (kit) Scanalyzer Model SB-620 with manual \$30 OBO. Cobra Scanner. 16 channels with Power supply \$50 OBO. Tube Tester TV/7D \$100 OBO. Call Ken -WL7MV 688-5350

For Sale

Icom IC-735 Xcvr/SW Rcvr, PS-55 power supply, SP-7 External Speaker, EX-243 Electronic Keyer unit, FL-32A 500Hz CW Filter, HM-12 Hand Mike, SM-6 Desk Mike, Bencher BY-2 Iambic Keyer Paddle. Absolutely mint condition, original boxes and Manuals. Current new market price about \$1700. Sell (as package only) for \$1200 firm. No Trades. No offers. Frank - AL7CA, 333-8212.

Spring Cleaning '94

Potter Marsh Cleanup

*Saturday May 14th
Starts at 8 AM*

*Tailgate Party
Afterwards*

AARC GENERAL MEETINGS are held on the first Friday evening of each month in Room 102 of the Carr-Gottstein Building on the Alaska Pacific University Campus.

The campus is located at 4101 University Drive and Bragaw Streets. Parking is available only in the lot to the northeast of the building.

The meetings begin at 7:00 PM and visitors are always welcome! The AARC legendary raffle is open to everyone.

AARC BOARD MEETINGS are held on the second Wednesday evening of each month in Room 104 of the Carr-Gottstein Building on the APU campus. The meetings begin at 7:00 PM and are open to all club members and visitors.

ANCHORAGE ARES NET

The Anchorage area Amateur Radio Emergency Services net is held each Thursday evening at 8:00 PM on the KL7ION repeater on 147.3 (+.600). Net Control is Lil Marvin, NL7DL and alternate NCS station is KL7IO. The Westlink Amateur Radio report, Swap N Shop and the Parka Net follow the ARES net on the same frequency.

THE KL7AA REPEATERS

sponsored by the club are on 146.94 (-.600), 224.94 (-1.600) and 444.7 (+5.000). The 146.94 repeater and main receiver located near Flattop Mountain requires either a 100 or a 141.3 Hz tone for access. The remote receiver on Government Hill also uses either 100 or 141.3 Hz tones. The remote receiver in West Anchorage uses only 100 Hz tones for access.

The 125 cm repeater and the 70 cm repeater which are located at the two meter repeater site, do not require tone for access at this time. The KL7AA sponsored repeater at Mt. Alyeska is on 146.76 (-.600); the 141.3 Hz tone is not in use at this time. Repeater trustee is William Reiter, KL7ITI. Doug Dickinson, KL7IKX, is chairman of the VHF/UHF committee.

KL7AA-7 PACKET OPERATIONS

Ports are 145.01 mhz, 145.05, and 445.05 mhz at 1,200 Baud; 7110 khz (LSB) at 300 Baud (alias HF40) and 445.11 mhz at 9600 Baud.

The Iceworm BBS network is available on 147.96. Remember that 147.96 mhz is normally in use as the Iceworm link to other Alaskan communities and limit use of

that port to the hours of 1600 to 2200 daily.

A landline port is available at 300-9600 Baud, V32.bis compatible; registration is required. Contact Sysop Mel Sauners, AL7PB, at 349-4372 for info, or contact Sysops Doug KL7IKX, Paul WL7BF, Jim NL7C, Merle AL7LD or Bill AL7MM.

FREE LICENSE EXAMS are held on the first Wednesday evening of the month at 6:30PM in the Carr-Gottstein Bldg on the APU campus and on the third Wednesday evening of the month in Eagle River at 7PM in the basement of the VFW Hall. VEC exams are also held on the second Saturday of each month at 2 PM at the Hope Cottage offices, 540 W. International Airport Blvd. For more information contact VEC Director, Roger Hansen, KL7HFQ at 892-6365.

AARC MEMBERSHIP DUES are \$20.00 regular, \$25.00 family and \$10.00 student. Dues are due one year from date of last payment. There is a 30 day grace period. Life memberships are available. Contact Lance Dunbar, AL7BK, (H) 337-6297 or (W) 561-5457.

AARC is affiliated with the ARRL.

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All the parts required for the Alyeska repeater are now here in town. Final installation in the cabinet, with Plexiglas front cover, for the look but don't touch view, and then final installation at Alyeska will probably occur in late March or early April, depending on crew schedules.

The West Anchorage remote receiver went into a deep cold sleep during the first day of the Fur Rondy Dog races. Actually the Voting system didn't fail, it did EXACTLY what it was supposed to do. It voted the quietest signal to the transmitter, unfortunately that receiver had lost all it's audio output. Probably related to the heater failure in the repeater building. Measured temp in the building was -10 degrees. The receiver is rated to +20 degrees, and it stopped passing audio. When the heaters are once again repaired at the

site, and the site warms up, I will take a trip up there and re-enable the West Anchorage link repeater.

The packet system continues to perform well, the full duplex 9600 baud link system is coming along, the TNC's and radio's are in place, however the 9.6kb modems are on backorder. Testing at 1200 baud full duplex will start shortly. Deviation circuits are being ordered for all local Nodes. With these boards installed in the local Nodes, a user will be able to know what their deviation is, just by connecting to the local Node(s). There are cautions related to these fairly simple Deviation meters. A badly off frequency signal, or a badly distorted by multipath signal can give a false reading. But for the average local user a quick way to check their packet deviation should be much easier. Remember 3 to 3.5Khz PEAK

deviation is the recommended value for digital communications on FM.

Upgrade of the Antenna system on the DPD/DD node stack has been completed. With the help of WL7EC, WL7BF, and AL7PB a Comet 2x4 Max has been installed at the 45' level of the tower. This changes the DPD system from a 9db collinear directional system to a 8.9db omni directional pattern. And the DD Node from 9db corner reflector (directional) to 11.9db vertical Omni. The VHF side now appears to have improved the path to Wasilla, Big Lake area, and the UHF coverage has improved to cover the Soldotna, Kenai area. Further testing will hopefully indicate more improvements to the 145.05 and 445.05 systems.

Signed D. Dickinson - KL7IKX
AARC VHF TECHNICAL
GROUP

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